




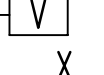



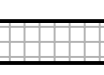
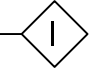
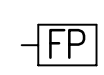



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three inches = one foot
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one and one half inches = one foot
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C
one inch = one foot
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D
one half inch = one foot
4
E
three eighths inch = one foot
15
one quarter inch = one foot
4
one eighth inch = one foot

LOW VOLTAGE SYSTEM LEGEND (EXCLUDING FIRE ALARM SYSTEM)												
		CABLING REQUIREMENTS				ELECTRICAL ROUGH-IN REQUIREMENTS						
SYMBOL	DESCRIPTION	# OF CAT 6 CABLES/JACKS	# OF RG-6 COAX AND OUTLET	OTHER	NOTES	PROVIDE 1-GANG BACKBOX	PROVIDE 2-GANG BACKBOX	PROVIDE 1-GANG PLASTER RING	PROVIDE 2-GANG PLASTER RING	PROVIDE (QTY/*) CONDUIT	PROVIDE AS SHOWN ON PLANS	NOTES
	TELEPHONE OUTLET. "W" DENOTES WALL MOUNTED	(1)	---			✓		✓		(1)1" C. FOR COMM. CABLES.		ROUTE CONDUIT TO NEAREST CABLE TRAY OR TELECOMMUNICATIONS ROOM.
	DATA/PHONE COMMUNICATIONS OUTLET (CO). TYPE 'DX' INDICATES QUANTITY OF DATA OUTLETS. SEE DETAILS. WALL MOUNTED U.N.O.	AS NOTED ON DRAWINGS	---				✓	✓		(1)1" C. FOR COMM. CABLES.		ROUTE CONDUIT TO NEAREST CABLE TRAY OR TELECOMMUNICATIONS ROOM. COORDINATE EXACT MOUNTING HEIGHT AND ELEVATION WITH ARCHITECTURAL ELEVATIONS AND PLANS.
	TELEVISION OUTLET, TYPE 'TV'. SEE DETAILS.	(1)	(1)				✓	✓		(1)1/2" C. FOR COMM. CABLES.		MATCH HEIGHT OF POWER OUTLET SERVING TV. COORDINATE EXACT MOUNTING HEIGHT AND ELEVATION WITH ARCHITECTURAL ELEVATIONS AND PLANS.
	SPEAKER MOUNTED FLUSH IN CEILING TILE. 'X' DENOTES ZONE. SEE P/A SYSTEM SINGLE LINE	---	---	✓	CUT CEILING TILE AND PROVIDE CEILING T-BAR SUPPORT FOR SPEAKER. SEE PAGING SINGLE LINE FOR CABLE REQUIREMENTS.					(1)1/2" C. FOR COMM. CABLES.	✓	PROVIDE SPEAKER BACK CAN, AND ROUTE CONDUIT TO TELECOMMUNICATIONS ROOM.
	PUBLIC ADDRESS SYSTEM MICROPHONE, SEE P/A SYSTEM SINGLE LINE.	---	---	✓		✓		✓			✓	MOUNT BACKBOX AT 18" AFF WITH 1" CONDUIT TO TELECOMMUNICATIONS ROOM. PROVIDE A GROMMET COVER FOR BACKBOX.
	SPEAKER VOLUME CONTROL. 'X' DENOTES WHAT ZONE THE SWITCH CONTROLS.	---	---	✓	HOMERUN SPEAKER CABLING TO SERVING TELECOM ROOM. VOLUME CONTROL CABLING FOR LOCAL ZONE VOLUME.	✓		✓		(1)3/4" C. FOR COMM. CABLES.	✓	MOUNT AT 48" AFF WITH 3/4" CONDUIT TO TELECOMMUNICATIONS ROOM.
	NURSE CALL MASTER STATION. PROVIDES VOICE COMM. TO STAFF AND PATIENT STATIONS AND SIGNALS WHEN EM. PULL CORD IS ACTIVATED.	---	---	✓	SEE NURSE CALL SINGLE LINE FOR CABLE REQUIREMENTS.					(1)1/2" C.	✓	ROUTE CONDUIT TO NEAREST CABLE TRAY OR TELECOMMUNICATIONS ROOM. WESTCALL NOVUS VIP.
	NURSE CALL BUTTON (REFER TO SPECS FOR APPLICATIONS W/ EMERGENCY PULL CORD)	---	---	✓	SEE NURSE CALL SINGLE LINE FOR CABLE REQUIREMENTS.	✓		✓		(1)1/2" C.	✓	ROUTE CONDUIT TO NEAREST CABLE TRAY OR TELECOMMUNICATIONS ROOM. MOUNT AT 40" AFF. WESTCALL NV-SPS1 AT PATIENT STATIONS. WESTCALL NOVUS PUSH/PULL STATIONS AT ALL PULL STATIONS.
	NURSE CALL DOME LIGHT. ACTIVATES WHEN NURSE CALL OR EMERGENCY PULL CORD IS ACTIVATED.	---	---	✓	SEE NURSE CALL SINGLE LINE FOR CABLE REQUIREMENTS.	✓				(1)1/2" C.	✓	PROVIDE WITH A BACK BOX MOUNTED IN WALL ABOVE DOOR APPROXIMATELY 96" AFF. WESTCALL NOVUS NV-DOME.
	BASKET CABLE TRAY LOCATED ABOVE CEILING										✓	SEE FLOORPLANS FOR ROUTING AND SIZE REQUIREMENTS. SEE CABLE TRAY NOTES FOR ADDITIONAL REQUIREMENTS.
	INTERCOMMUNICATION SYSTEM CALL STATION			✓	SEE INTERCOM SYSTEM SINGLE LINE		✓		✓	(1)1/2" C. SHOWN ON DETAIL	✓	MOUNT INTERCOM STATION BACKBOX AT 54" AFF WITH 1" CONDUIT TO TELECOMMUNICATIONS ROOM.
	FLAT PANEL DISPLAY ROUGH-IN. SEE DETAILS FOR MONITOR REQUIREMENTS.											SEE DETAIL FOR REQUIREMENTS
	OFD/ WIRELESS ACCESS POINT. PROVIDE ROUGH-IN TO WAP ENCLOSURE MOUNTED ABOVE CEILING.	(2)	---		SEE DETAIL					(1)1/2" C. SHOWN ON DETAIL		PROVIDE WAP ENCLOSURE (OFCI), SEE DETAIL.

FIRE STOPPING NOTE

THE CONTRACTOR SHALL FIRESTOP ALL PENETRATIONS OF ALL FLOORS AND ALL WALLS WHICH EXTEND TO THE UNDERSIDE OF THE FLOOR OR ROOF DECK ABOVE. FIRESTOPPING SHALL BE ACCOMPLISHED AFTER ALL CABLES ARE PULLED (ALL SYSTEMS) USING UL CLASSIFIED SYSTEMS WITH FIRE RATING EQUAL TO OR GREATER THAN THE FIRE RATING OF THE FLOOR OR WALL ASSEMBLY PENETRATED. FIRESTOP SYSTEMS SHALL BE 3M, NELSON OR ENGINEER APPROVED EQUAL. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS. THE CONTRACTOR SHALL SUBMIT A MANUFACTURER'S STANDARD DETAIL FOR EACH TYPE OF FLOOR AND WALL PENETRATION REQUIRED FOR THIS PROJECT. ALL OTHER PENETRATIONS OR OPENINGS IN NON-FIRE RATED WALLS SHALL BE REPAIRED AND SEALED WITH MATERIALS TO MATCH THE EXISTING CONSTRUCTION.

EXISTING AND NEW CONDUITS THROUGH FIRE RATED CONSTRUCTION REQUIRE CONDUIT PLUGS.

SPECIFICATION/DRAWINGS CONFLICTION NOTE

THE PROJECT SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ALL INFORMATION LISTED ON THE DRAWINGS. HOWEVER, IF CIRCUMSTANCES ARISE WHERE THE DRAWINGS AND SPECIFICATIONS CONFLICT, CONTRACTOR SHALL CONTACT ARCHITECT/ENGINEER FOR CLARIFICATION. IF CLARIFICATION HAS NOT BEEN RECEIVED BY BIDDING CONTRACTOR PRIOR TO REQUIRED SUBMISSION DATE, CONTRACTOR SHALL BID ON THE MORE STRINGENT REQUIREMENT WHETHER INDICATED IN DRAWINGS OR SPECIFICATIONS.

COORDINATION NOTE + GENERAL SCOPE OF WORK

THIS LIST IS NOT COMPREHENSIVE, THE CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONTRACT REQUIREMENTS SHOWN ON THE DRAWINGS AND/OR SPECIFICATIONS REQUIRED TO PROVIDE COMPLETE SYSTEMS.

COMMUNICATIONS STRUCTURED CABLING SYSTEM:
THE CABLING CONTRACTOR SHALL PROVIDE ALL CABLING, BACKBONE CABLING, TERMINATIONS, EXISTING, ETC AS REQUIRED FOR A COMPLETE AND OPERATION CABLING SYSTEM. THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CONDUIT AND BACKBOXES ASSOCIATED WITH THE COMMUNICATIONS OUTLETS.

PUBLIC ADDRESS SYSTEM:
THE CABLING CONTRACTOR SHALL BE RESPONSIBLE, INCLUDING THE PROCUREMENT OF SUB-CONTRACTORS, FOR THE INSTALLATION OF ALL SPEAKERS, CABLING, EQUIPMENT, PHONE SYSTEM TIE-IN AND ALL ASSOCIATED PROGRAMMING AS REQUIRED HEREIN AND FOR A COMPLETE AND OPERATIONAL SYSTEM. THE EC SHALL PROVIDE ALL REQUIRED BACKBOXES AND CONDUIT FOR THESE SYSTEMS.

NURSE CALL SYSTEM:
THE CABLING CONTRACTOR SHALL BE RESPONSIBLE, INCLUDING THE PROCUREMENT OF SUB-CONTRACTORS, FOR THE INSTALLATION OF ALL CALL BOXES, ANNUNCIATORS, DOME LIGHTS, ETC AND ALL ASSOCIATED PROGRAMMING AS REQUIRED HEREIN AND FOR A COMPLETE AND OPERATIONAL SYSTEM. THE EC SHALL PROVIDE ALL REQUIRED BACKBOXES AND CONDUIT FOR THESE SYSTEMS.

GROUNDING:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR INSTALLING THE GROUNDING BUSBAR AS SHOWN ON THE DRAWINGS AND CONNECTING IT TO THE BUILDINGS MAIN ELECTRICAL SERVICE GROUND. THE EC SHALL ALSO BE RESPONSIBLE FOR GROUNDING ALL BACKBONE CONDUIT AND CABLE TRAY. THE STRUCTURED CABLING CONTRACTOR (SCC) SHALL BE RESPONSIBLE FOR GROUNDING ALL RACKS, PROTECTOR BLOCKS, CABLE LADDER TRAY IN COMMUNICATION CLOSETS, ETC, INCLUDING CONDUIT FOR EACH GROUND CONDUCTOR.

FIRESTOPPING:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR FIRESTOPPING SLEEVE ASSEMBLIES TO OBTAIN A UL RATING. THE STRUCTURED CABLING CONTRACTOR (SCC) SHALL BE RESPONSIBLE FOR FIRESTOPPING IN THE SLEEVES AFTER INSTALLATION OF CABLING IS COMPLETE.


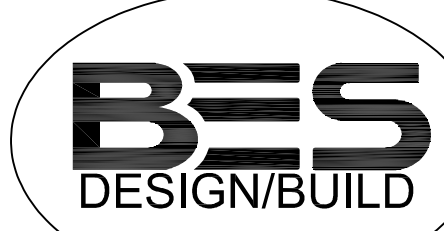

CONDUIT AND CABLE TRAY:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR ALL BACKBONE CONDUIT AND CABLING PATHWAYS. THIS IS TO INCLUDE ALL INTERIOR AND EXTERIOR CONDUIT, ALL WALL PENETRATIONS AND CONDUIT SLEEVES WHETHER SHOWN ON THE DRAWINGS OR AS REQUIRED TO PENETRATE FULL HEIGHT PARTITIONS AS SHOWN ON THE DRAWINGS. CONDUIT PATHWAYS SHALL INCLUDE ALL PULLBOXES, PULLTAPE, PULLSTRINGS, CONDUIT MARKINGS, ETC. ALL CONDUIT SHALL BE INSTALLED ACCORDING TO THE ABOVEGROUND AND UNDERGROUND CONDUIT NOTES AS SHOWN ON THE DRAWINGS. PROVIDE END BUSHINGS ON ALL CONDUIT. THE STRUCTURED CABLING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRE RACEWAYS, CABLE RUNWAY, AND/OR ANY OTHER REQUIREMENTS FOR ROUTING AND SECURING CABLE TELECOMMUNICATIONS ROOM. THE CABLING CONTRACTOR SHALL PROVIDE ANY INNERDUCT IN BACKBONE CONDUITS AS REQUIRED IN THE SPECIFICATIONS AND DRAWINGS.

BACKBOARDS:
THE STRUCTURED CABLING CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL BACKBOARDS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE A COMPLETE SYSTEM. THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR ROUGH-IN OF ELECTRICAL CONDUIT PRIOR TO INSTALLATION OF BACKBOARDS. ALL POWER CONDUIT SHALL BE CONCEALED BEHIND ALL BACKBOARDS. BACKBONE CONDUIT SHALL BE EXPOSED AS SHOWN ON THE BACKBOARD ELEVATIONS.

CABLE TRAY GENERAL NOTES

- ANY CABLES INSTALLED IN CABLE TRAY SYSTEMS NOT SPECIFICALLY SHOWN ON THESE DRAWINGS SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
- COMPONENTS AND INSTALLATION SHALL COMPLY WITH NFPA 70 "NATIONAL ELECTRICAL CODE".
- COORDINATE CABLE TRAY INSTALLATION WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, DUCTWORK, CONDUITS, PIPING AND ALL OTHER TRADES PRIOR TO ORDERING AND INSTALLING.
- ALL CABLE TRAY COMPONENTS SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER.
- INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- REMOVE BURRS AND SHARP EDGES.
- MAKE CHANGES IN HEIGHT AND DIRECTION WITH STANDARD CABLE TRAY FITTINGS.
- FIRESTOP AT PENETRATIONS OF FIRE AND SMOKE BARRIERS.
- INSTALL TRAYS WITH AS MUCH AS POSSIBLE WORKING SPACE TOP AND BOTH SIDES FOR CABLE INSTALLATION.
- ELECTRICALLY GROUND CABLE TRAYS AND ENSURE CONTINUOUS ELECTRICAL CONDUCTIVITY OF CABLE TRAY SYSTEM. PROVIDE BONDING JUMPERS BETWEEN CABLE TRAY SECTIONS. PROVIDE A #4 AWG GROUNDING CONDUCTOR FOR EACH RUN OF CABLE TRAY - ATTACH TO TRAY WITH COMPRESSION GROUND LUG - RUN CONTINUOUS IN EMT CONDUIT AND BOND TO BUILDING MAIN ELECTRICAL SERVICE GROUND.
- SUBMIT CUT SHEETS OF ALL CABLE TRAY COMPONENTS TO ENGINEER PRIOR TO ORDERING MATERIALS.

CONSTRUCTION DOCUMENTS FULLY SPRINKLERED

		CONSULTANTS:		ARCHITECT/ENGINEERS:  BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716	Drawing Title TELECOMMUNICATIONS - LEGENDS, NOTES & ABBREVIATIONS	Project Title IMPROVE 5D DIALYSIS FUNCTIONAL DEFICIENCIES	Project Number 598-13-109 Building Number JLM	Location 4300 WEST 7TH STREET LITTLE ROCK, AR 72205	Drawing Number T001 Dwg. 85 of 89	CENTRAL ARKANSAS VETERANS AFFAIRS HEALTHCARE SYSTEM 
Revisions:	Date									

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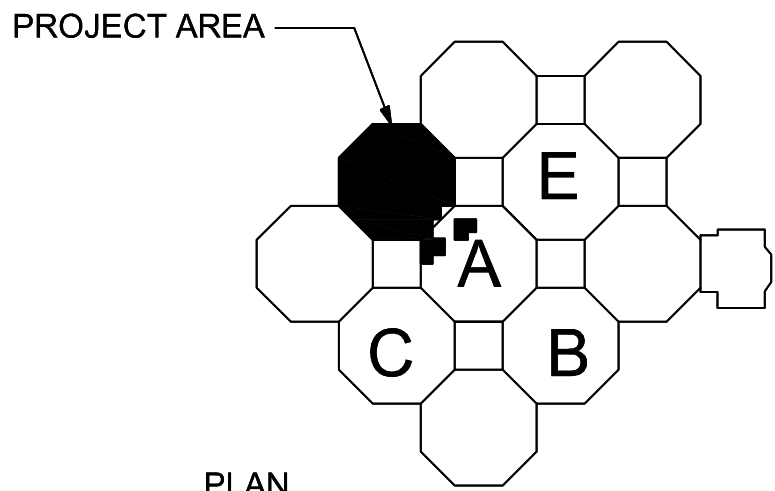
6E FLOOR PLAN - TELECOMMUNICATIONS DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

- 1 ENSURE ALL EQUIPMENT AND CABLING IN THIS AREA REMAINS FUNCTIONAL AND INTACT. ALL EQUIPMENT SHALL BE PROTECTED DURING THE CONSTRUCTION PHASE FOR REUSE. ALL SYSTEMS SHALL BE TESTED IN SERVICE PRIOR TO THE START OF DEMOLITION. ANY DISCREPANCIES NEED TO BE ADDRESSED TO THE COR. ALL SYSTEMS SHALL BE TESTED IN SERVICE AFTER COMPLETION OF THE CONTRACT AND MADE OPERABLE AT NO ADDITIONAL COST TO THE GOVERNMENT.
- 2 ALL EXISTING TELECOMMUNICATION SYSTEMS OUTSIDE OF RENOVATION AREA SHALL REMAIN IN SERVICE THROUGHOUT DURATION OF CONSTRUCTION.
- 3 DEMOLISH ALL EXISTING TELECOMMUNICATION HORIZONTAL CABLING, CONDUITS, DEVICES ETC. SERVING THIS SPACE UNLESS NOTED OTHERWISE. CABLING SHALL BE TERMINATED BACK TO THE SERVING TELECOMMUNICATIONS ROOM.
- 4 DEMOLISH ALL EXISTING NURSE CALL SYSTEM CABLING, CONDUITS, DEVICES, ETC. SERVING THIS SPACE UNLESS NOTED OTHERWISE. CABLING SHALL BE TERMINATED BACK TO THE SERVING TELECOMMUNICATIONS ROOM.
- 5 DEMOLISH ALL EXISTING PUBLIC ADDRESS CABLING, CONDUITS, DEVICES, ETC. SERVING THIS SPACE UNLESS NOTED OTHERWISE. CABLING SHALL BE TERMINATED BACK TO THE SERVING TELECOMMUNICATIONS ROOM.
- 6 DEMOLISH ALL EXISTING CATV SYSTEM CABLING, CONDUITS, DEVICES, ETC. SERVING THIS SPACE UNLESS NOTED OTHERWISE. CABLING SHALL BE TERMINATED BACK TO THE SERVING TELECOMMUNICATIONS ROOM.

GENERAL DEMOLITION NOTES

1. ALL ITEMS SHOWN WITH HIDDEN LINES INDICATE ITEMS TO BE DEMOLISHED. SEE ARCHITECTURAL DRAWINGS AND CODED DEMOLITION NOTES FOR ADDITIONAL INFORMATION. COORDINATE DEMOLITION WITH ALL TRADES.
2. LOCATION OF EXISTING EQUIPMENT, CONDUITS, OUTLETS, DEVICES, ETC ARE APPROXIMATE.
3. NOT ALL EQUIPMENT, DEVICES, ETC ARE INDICATED. ALL DEVICES SHALL BE DEMOLISHED UNLESS NOTED OTHERWISE.
4. EXISTING CONDUIT RUNS CONCEALED IN FLOOR SLAB AND NOT SPECIFIED FOR REUSE IN NEW WORK ARE TO BE ABANDONED UNLESS NOTED OTHERWISE.
5. ALL DEVICES NOT INDICATED FOR DEMOLITION SHALL REMAIN OPERABLE DURING CONSTRUCTION.
6. ALL OPENINGS AND SURFACES MADE BARE BY DEMOLITION AND/OR REMOVAL OF OUTLETS, EQUIPMENT, ETC SHALL BE REPAIRED AND/OR PATCHED TO MATCH ADJACENT FINISH WHEN REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. DURING THE LIFE OF THE CONTRACT (CONSTRUCTION AND DEMOLITION TO THE POINT OF BENEFICIAL OCCUPANCY BY OWNER), THE CONTRACTOR SHALL PROTECT ALL SYSTEMS OR PORTIONS OF SYSTEMS TO REMAIN FOR REUSE FROM DAMAGE. ALL SYSTEMS SHALL BE TESTED IN SERVICE AFTER COMPLETION OF THE CONTRACT.
8. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE ALL DEMOLITION WITH ALL TRADES INVOLVED.
9. ALL TELECOMMUNICATIONS WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRIC SAFETY CODE (ANSI/IEEE C-2) AND THE NATIONAL ELECTRIC CODE (NFPA 70).



KEY PLAN

5D F.F.E.: 464'-1 3/4"
PROJECT AREA: 14,700 S.F.

CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

CONSULTANTS:

ARCHITECT/ENGINEERS:



BES DESIGN/BUILD, LLC
766 Middle St, Fairhope, AL 36532
Phone: 251.990.5778
Fax: 251.990.3716

Drawing Title
**FLOOR PLAN -
TELECOMMUNICATIONS DEMOLITION**

Approved: Project Director

Project Title
**IMPROVE 5D DIALYSIS
FUNCTIONAL DEFICIENCIES**

Location
4300 WEST 7TH STREET
LITTLE ROCK, AR 72205

Date
2014.10.31

Drawn
KRW

Checked
BAT

Project Number
598-13-109

Building Number
JLM

Drawing Number

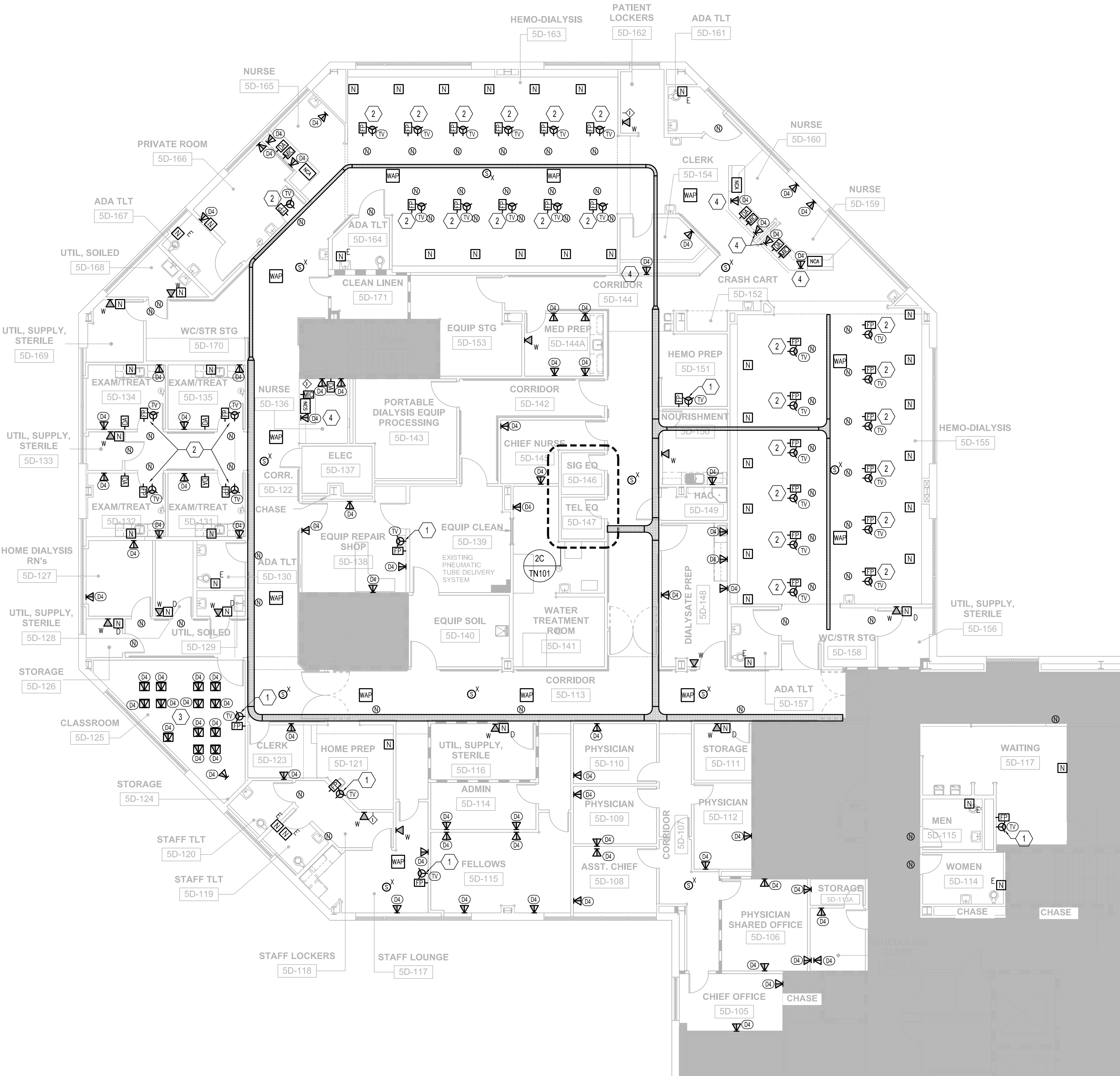
TD101

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CENTRAL
ARKANSAS
VETERANS AFFAIRS
HEALTHCARE
SYSTEM



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6E FLOOR PLAN - TELECOMMUNICATIONS AND SYSTEMS
SCALE: 1/8" = 1'-0"

2C ENLARGED TELECOMMUNICATIONS ROOM PLAN
SCALE: 1/2" = 1'-0"

SHEET KEYNOTES

- MATCH TV OUTLET HEIGHT WITH FLAT PANEL.
- CEILING MOUNTED. COORDINATE WITH ELEC & MECH PRIOR TO ROUGH-IN TO ENSURE NO CONFLICTS WITH OTHER SYSTEMS.
- DATA/PHONE OUTLETS FLOOR MOUNTED UNLESS NOTED OTHERWISE.
- DATA/PHONE OUTLETS MOUNTED IN CASEWORK BELOW COUNTER. RUN CABLES CONCEALED IN CASEWORK TO NEAREST WALL, TURN UP IN NEAREST WALL AND OVERHEAD ABOVE ACCESSIBLE CEILING. COORDINATE WITH ARCH PRIOR TO ROUGH-IN.
- EXISTING DATA RACK TO REMAIN.
- INSTALL NEW 4" DOUBLE SIDED VERTICAL CABLE MANAGEMENT CHANNELS TO EXISTING TELECOMMUNICATIONS RACK.
- EXISTING 4" CONDUIT STUBBED UP FROM LEVEL BELOW.
- EXISTING 4" CONDUIT TO LEVEL ABOVE.
- EXISTING PLYWOOD BACKERBOARD TO REMAIN.
- EXISTING WEST CALL NOVUS ENCLOSURE TO REMAIN. SEE DETAIL 6E ON SHEET T601

LEGEND

INDICATES AREAS OUTSIDE OF SCOPE OF WORK.

PROJECT AREA

PLAN NORTH

KEY PLAN
5D F.F.E.: 464'-1 3/4"
PROJECT AREA: 14,700 S.F.

CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Number
598-13-109

Building Number
JLM

Drawing Number
TN101
Dwg. 87 of 89

CENTRAL ARKANSAS VETERANS AFFAIRS HEALTHCARE SYSTEM

Department of Veterans Affairs

CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title FLOOR PLAN - TELECOMMUNICATIONS		Project Title IMPROVE 5D DIALYSIS FUNCTIONAL EFFICIENCIES		Location 4300 WEST 7TH STREET LITTLE ROCK, AR 72205		Date 2014.10.31		Drawn KRW		Checked BAT	
Revisions:		Date:		Approved: Project Director		Date		Date		Date		Date		Date	

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6'

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one inch = one foot

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three quarters inch = one foot

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one eighth inch = one foot

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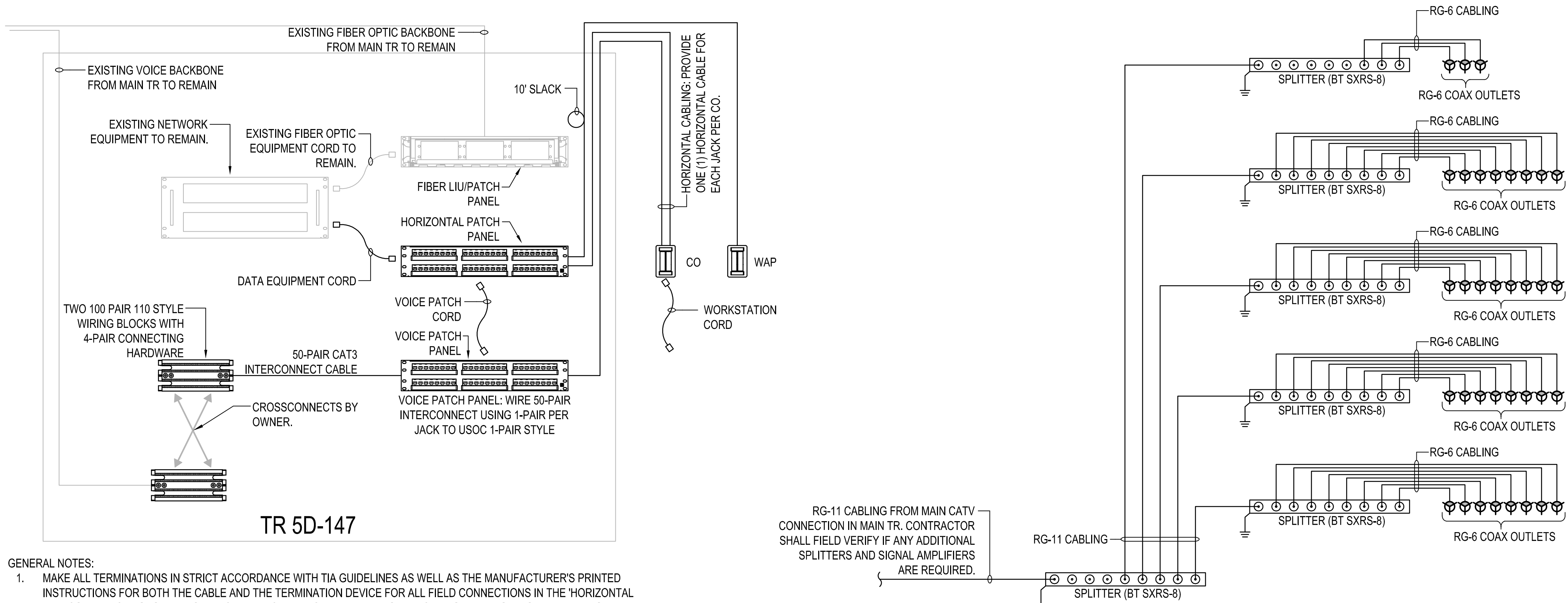
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GENERAL NOTES:

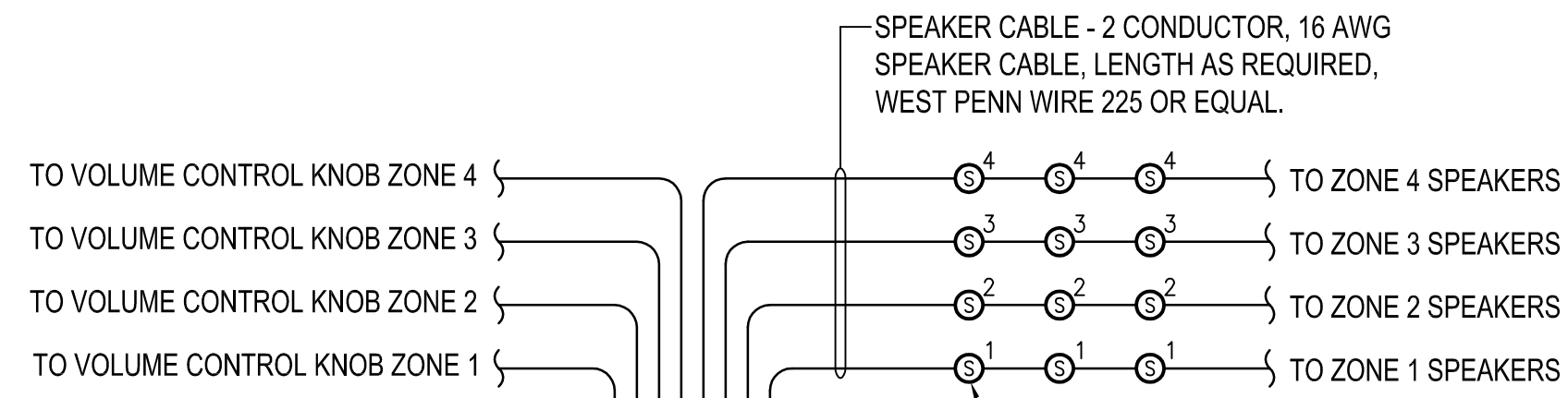
1. MAKE ALL TERMINATIONS IN STRICT ACCORDANCE WITH TIA GUIDELINES AS WELL AS THE MANUFACTURER'S PRINTED INSTRUCTIONS FOR BOTH THE CABLE AND THE TERMINATION DEVICE FOR ALL FIELD CONNECTIONS IN THE 'HORIZONTAL TELECOMMUNICATIONS LINK'. STRIP CABLE JACKET BACK A MAXIMUM OF 1 INCH FROM THE POINT OF TERMINATION. MAINTAIN FACTORY SYMMETRICAL CABLE TWISTS TO WITHIN .5 INCHES (13MM MAXIMUM) OF THE POINT OF TERMINATION. PROVIDE CABLE SLACK AT EACH END TO ALLOW MINIMUM OF 5 FUTURE RE-TERMINATIONS WITHOUT RE-ROUTING CABLE. SEE CO MOUNTING DETAILS.

6B VOICE/DATA SINGLE LINE DIAGRAM
NTS

GENERAL NOTES:

1. CABLE SHALL BE CONTINUOUS BETWEEN DEVICES. INTERMEDIATE SPLICES OR COUPLINGS ARE NOT ALLOWED.
2. ALL COAXIAL CONNECTORS SHALL BE 'I' COMPRESSION TYPE, FOR RG-6 AND RG-11. ALL COAXIAL CONNECTIONS SHALL BE TERMINATED BY TRAINED TECHNICIANS WITH PROFESSIONAL GRADE TOOLS SPECIFICALLY SIZED FOR EACH CONNECTOR TYPE.
3. PROVIDE BLONDER-TONGUE LE-360 OR EQUAL LINE EQUALIZERS AS REQUIRED TO COMPENSATE FOR CABLE SLOPE ADJUSTMENT FOR BACKBONE CABLE FEEDS.
4. TERMINATE ALL UNUSED SPLITTER PORTS WITH 75 OHM TERMINATING RESISTORS, BLONDER-TONGUE BTF-TP.
5. PROVIDE PROFESSIONAL GRADE FACTORY JUMPERS, RG-6 COAX WITH SCREW-ON ENDS, QUANTITY EQUAL TO NUMBER OF TV OUTLETS SHOWN ON PLANS, PLUS 25% SPARE, LENGTH AS REQUIRED.
6. ALL INPUT CABLES SHALL NOT BE BUNDLED WITH OUTPUT CABLES. PHYSICAL SEPARATION BETWEEN INPUT AND OUTPUT CABLES SHALL BE MAINTAINED.
7. REFER TO SPECIFICATIONS FOR ACCEPTABLE COAX CABLEING MANUFACTURERS.
8. REFER TO FLOOR PLANS FOR ACTUAL DEVICE COUNTS.

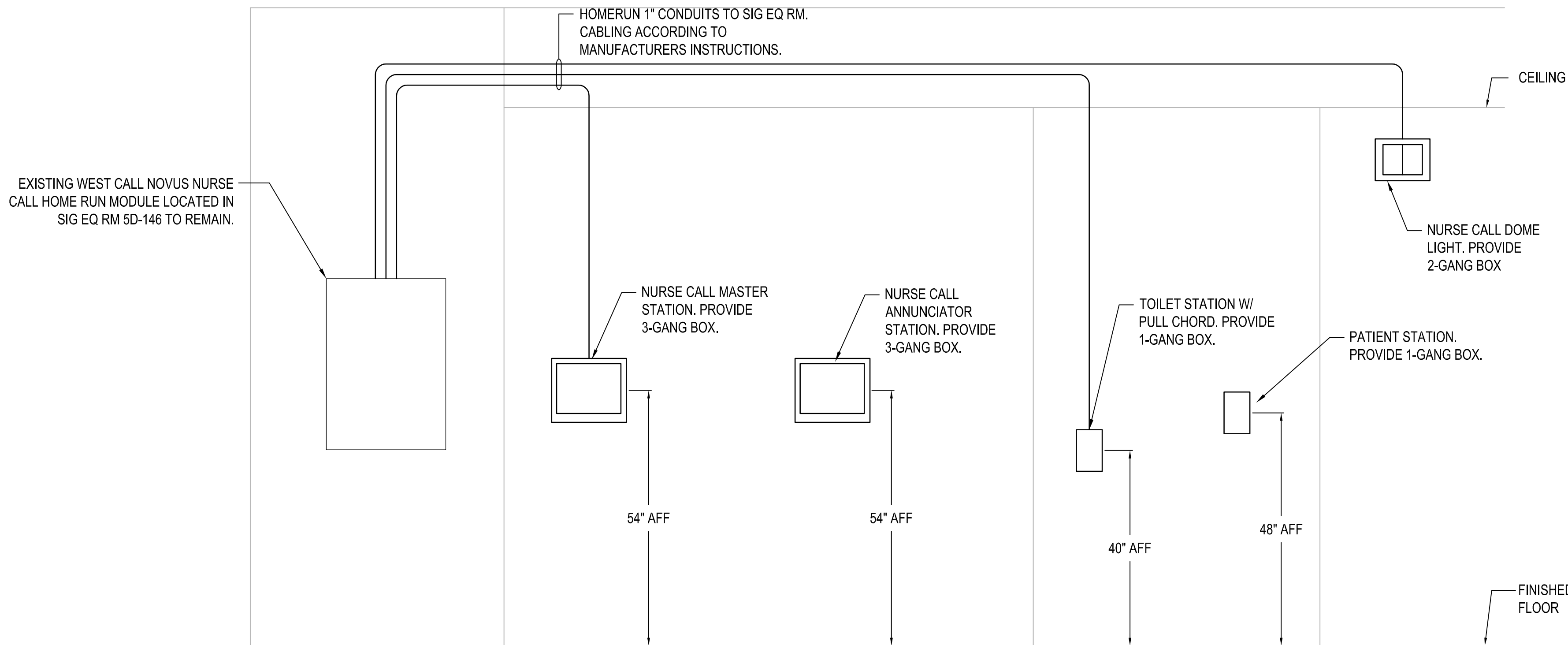
4B VIDEO SINGLE LINE DIAGRAM
NTS



GENERAL NOTES:

1. THE DIAGRAM IS INTENDED TO SHOW TYPICAL CABLING AND EQUIPMENT REQUIRED TO ME THE REQUIREMENTS OF THE PAGING/PUBLIC ADDRESS SYSTEM. THIS DIAGRAM SHALL NOT BE CONSTRUED AS BEING COMPLETE. ADDITIONAL EQUIPMENT AND/OR CABLING MAY BE REQUIRED FOR THE SYSTEM TO PERFORM AS SPECIFIED. THE CONTRACTOR SHALL PROVIDE A TURN-KEY INSTALLATION AND BE RESPONSIBLE FOR ANY ADDITIONAL CABLES OR EQUIPMENT REQUIRED TO CONSTRUCT A COMPLETE AND FUNCTIONAL SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL LOCATION, EQUIPMENT, CONDUIT ROUTING, CABLE TYPES, ETC AS REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
2. ZONE SPEAKERS AS REQUIRED AS DIRECTED BY THE OWNERS REPRESENTATIVE. PRIOR TO FINALIZING INSTALLATION, CONTACT THE OWNER AND SCHEDULE A COORDINATION MEETING AT THE SITE TO PROVIDE SPECIFIC AND FINAL DIRECTIONS FOR ZONING.
3. THE CONTRACTOR SHALL, ALONG WITH THE OWNER, TUNE AND BALANCE THE SYSTEM BY SETTING THE VOLUME ON EACH SPEAKER TO THE SATISFACTION OF THE OWNER'S DESIGNATED REPRESENTATIVE.
4. THE CONTRACTOR SHALL FIELD VERIFY CONDITION OF ANY EXISTING EQUIPMENT. THE CONTRACTOR SHALL INSTALL ANY NEW EQUIPMENT AS NECESSARY TO PROVIDE A FULLY FUNCTIONAL SYSTEM.
5. THE CONTRACTOR SHALL INSURE THAT EXISTING EQUIPMENT IS PROPERLY GROUNDED AND INSTALL NEW BONDING CABLES IF REQUIRED.

2B PAGING SYSTEM SINGLE LINE DIAGRAM
NTS



GENERAL NOTES:

1. THE CONTRACTOR SHALL ONLY INSTALL WEST-CALL DEVICES THAT ARE COMPATIBLE WITH EXISTING WEST-CALL NOVUS SYSTEM TO ENSURE ALL NEW DEVICES INSTALLED WILL PROPERLY FUNCTION WITH EXISTING EQUIPMENT.

6E NURSE CALL SYSTEM SINGLE LINE AND MOUNTING DETAIL
NTS

		CONSULTANTS:		<div><div>SEAL OF THE STATE OF ARKANSAS STEVEN LOUIS BANACH III No. 15340 LICENSED PROFESSIONAL ENGINEER</div><div><i>Steven Louis Banach III</i></div></div>		ARCHITECT/ENGINEERS:		<div><div>BES DESIGN/BUILD</div><div>BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716</div></div>		<div><div>Drawing Title</div><div>TELECOMMUNICATIONS - SINGLE LINE DIAGRAMS</div><div>Approved: Project Director</div></div>		<div><div>Project Title</div><div>IMPROVE 5D DIALYSIS FUNCTIONAL DEFICIENCIES</div><div>Location 4300 WEST 7TH STREET LITTLE ROCK, AR 72205</div><div><div>Date 2014.10.31</div><div>Drawn KRW</div><div>Checked BAT</div></div></div>		<div><div>Project Number 598-13-109</div><div>Building Number JLM</div><div>Drawing Number <div>T601</div><div>Dwg. 89 of 89</div></div></div>		<div><div>CENTRAL ARKANSAS VETERANS AFFAIRS HEALTHCARE SYSTEM</div><div><div></div><div>Department of Veterans Affairs</div></div></div>	
Revisions:		Date															